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Signed:

Andrea WON**Facsimile Transmission Cover Sheet**

Recipient : Mail Stop **AMENDMENT**  
Examiner Pho M **LUU**  
Art Unit : 2824  
Tel. : +1 (571) 272 1876  
Fax : +1 (703) 872 9306

Confirmation No. : 4887

Sender : Dexter CHIN  
Horizon IP Pte Ltd  
Office : +65 9836 9908

Subject Matter : US Patent Application Number: 10/065,169  
Amendment in response to Office Action dated May 06, 2004

Total Pages (including cover sheet) : 20 pages

Attachments : a) Certificate of Transmission  
b) Transmittal Form  
c) Petition for Extension of Time  
d) Fee Transmittal  
e) Amendment in response to Office Action dated May 06, 2004

PTO/SB/97 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## Certificate of Transmission under 37 CFR 1.8

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- a) Transmittal Form
- b) Petition for Extension of Time
- c) Fee Transmittal
- d) Amendment in response to Office Action dated May 06, 2004

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PTO/SB/21 (08-03)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

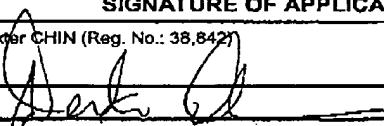
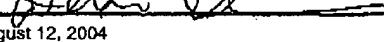
20

Application Number	10/085,189
Filing Date	Sep 24, 2002
First Named Inventor	Thomas ROEHR
Art Unit	2824
Examiner Name	Pho M LUU

Attorney Docket Number  
2002P09637US**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Dexter CHIN (Reg. No.: 38,842) 
Signature	
Date	August 12, 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Andrea WON		
Signature		Date	August 12, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 358)

## Complete if Known

Application Number	10/065,169
Filing Date	Sep 24, 2002
First Named Inventor	Thomas ROEHR
Examiner Name	Pho M LUU
Art Unit	2824
Attorney Docket No.	2002P09637US

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None  
 Deposit Account:

Deposit Account Number	502388
Deposit Account Name	Horizon IP Pte Ltd

The Director is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110

1252 420 2252 210 Extension for reply within second month

1253 950 2253 475 Extension for reply within third month

1254 1,480 2254 740 Extension for reply within fourth month

1255 2,010 2255 1,005 Extension for reply within fifth month

1401 330 2401 165 Notice of Appeal

1402 330 2402 165 Filing a brief in support of an appeal

1403 290 2403 145 Request for oral hearing

1451 1,510 1451 1,510 Petition to institute a public use proceeding

1452 110 2452 55 Petition to revive - unavoidable

1453 1,330 2453 665 Petition to revive - unintentional

1501 1,330 2501 665 Utility issue fee (or reissue)

1502 480 2502 240 Design issue fee

1503 640 2503 320 Plant issue fee

1460 130 1460 130 Petitions to the Commissioner

1807 50 1807 50 Processing fee under 37 CFR 1.17(q)

1806 180 1806 180 Submission of Information Disclosure Stmt

8021 40 8021 40 Recording each patent assignment per property (times number of properties)

1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))

1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))

1801 770 2801 385 Request for Continued Examination (RCE)

1802 900 1802 900 Request for expedited examination of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

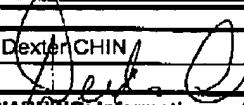
Total Claims	Extra Claims	Fee from below	Fee Paid
58	49	= 9	= 18 = 162
Independent Claims	5	= 1	= 86 = 86
Multiple Dependent	4		

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple dependent claim, if not paid
1204	86	2204 43 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 248)

\*\* or number previously paid, if greater. For Reissues, see above

SUBTOTAL (3) (\$ 110)

(Complete if applicable)			
Name (Print/Type)	Dexter CHIN	Registration No. (Attorney/Agent)	38,842
Signature		Telephone	+6598369908

Date August 12, 2004

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Appl. No. 10/065,169  
 Amdt dated August 12, 2004  
 Reply to Office Action of May 06, 2004

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.	:	10/065,169	Confirmation No.	:	4887	
Applicant	:	<u>ROEHR et al.</u>				
Filed	:	Sep 24, 2002				
TC / A.U.	:	2824				
Examiner	:	Pho M <u>LUU</u>				
Docket No.	:	2002P09637US				
Customer No.	:	031366	Date	:		August 12, 2004
Title	:	Hybrid Fuses for Redundancy				

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Signed: 

Andrea WON

**Mail Stop AMENDMENT**  
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 P.O. BOX 1450  
 ALEXANDRIA, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed on May 06, 2004, please amend the above-identified application as follows:

- a) **Amendments to the Claims** are reflected in the listing of claims beginning on page 2 of this paper; and
- b) **Remarks/Arguments** begin on page 12 of this paper.